

SEQUENCE LISTING

<110> Whitcombe, David M
Theaker, Jane
Gibson, Neil J
Little, Stephen

<120> Methods for Detecting Nucleic Acid Sequences

<130> 1991-143

<140> 09/200 232
<141> 1998-11-25

<150> UK/9812768.1
<151> 1998-06-13

<160> 8

<170> PatentIn Ver. 2.1

<210> 1
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: B2098-BRCA
Scorpions primer

<220>
<221> stem_loop
<222> (1)..(29)

<220>
<221> misc_feature
<222> (30)
<223> n = MR = a non-fluorogenic fluorophore attached to
a uracil

<220>
<221> misc_feature
<222> (31)
<223> n = HEG = blocking hexethylene glycol monomer

<400> 1
cgcacatgt agcacatcg aagcgtgcgn nttggagatt ttgtcacttc cactctaaa 60

<210> 2
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: R186-98,
Untailed equivalent of B2098 primer

<400> 2
ttggagattt tgtcacttcc actctcaaa

<210> 3
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Z3702, Probe segment of the Scorpions B2098 primer

<220>
<221> stem_loop
<222> (1)..(29)

<220>
<221> misc_feature
<222> (30)
<223> n = MR = a non-fluorogenic fluorophore attached to a uracil

<400> 3
cgcacatgt agcacatcag aagcgtgcgn 30

<210> 4
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: B2731 Scorpion primer

<220>
<221> misc_feature
<222> (18)
<223> n = MR = a non-fluorogenic fluorophore attached to a uracil

<220>
<221> misc_feature
<222> (19)
<223> n = H = blocking hexethylene glycol monomer

<400> 4
aggtagtgca gagagtgnng agcctcaaca tcctgctccc ctcctactac 50

<210> 5
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: B4249 Scorpion primer without quencher on same molecule

<220>
<221> misc_feature
<222> (18)
<223> n = h = blocking hexethylene glycol monomer

<400> 5
aggtagtgca gagagtgnng gcctcaacat cctgctcccc tcctactac 49

<210> 6
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Quencher
oligonucleotide for B4249 (complement tail)

<220>
<221> misc_feature
<222> (18)
<223> n = MR = a non-fluorogenic fluorophore attached to
a uracil

<400> 6
cactctctgc act+~^ctn

18

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ARMS primer
R284-97

<400> 7
ttcggggctc cacacggcga ctctcaac

28

<210> 8
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ARMS primer
R283-97

<400> 8
ttcggggctc cacacggcga ctctcaag

28